

SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS

BASE PERIOD: 2005 First Quarter
PROJECTED PERIOD: 2007 First Quarter
AREA: Economic Growth Region 08

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	115,120	116,360	1,240	1%	5,750	7,950	\$31,923	NA
11-0000	Management Occupations	4,760	4,830	70	1%	160	240	\$67,308	NA
11-1000	Top Executives	1,450	1,470	20	1%	50	70	NA	NA
11-1011	Chief Executives	190	190	0	0%	10	10	\$100,414	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,210	1,230	20	2%	40	60	\$82,066	Work experience plus bachelor's or higher degree
11-1031	Legislators	50	50	0	-2%	0	0	\$18,921	NA
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	300	310	10	3%	10	20	NA	NA
11-2011	Advertising and Promotions Managers	30	30	0	4%	0	0	\$47,745	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	100	100	0	4%	0	10	\$63,634	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	80	90	0	4%	0	10	\$81,300	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	90	90	0	1%	0	0	NA	Work experience plus bachelor's or higher degree
11-3000	Operations Specialties Managers	920	930	10	1%	30	50	NA	NA
11-3011	Administrative Services Managers	70	70	0	1%	0	0	\$59,331	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	250	260	20	6%	10	20	\$67,604	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	230	230	0	-1%	10	10	\$81,023	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	140	140	0	1%	0	10	NA	NA
11-3051	Industrial Production Managers	110	110	0	-4%	0	0	\$64,897	Bachelor's degree
11-3061	Purchasing Managers	60	60	0	-3%	0	0	\$66,930	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	60	60	0	0%	0	0	\$65,861	Work experience in a related occupation
11-9000	Other Management Occupations	2,090	2,120	30	2%	70	110	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	60	60	0	2%	0	0	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	220	220	10	3%	10	10	\$67,332	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	30	30	0	3%	0	0	\$43,471	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	200	210	10	4%	10	20	\$72,257	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	130	140	10	5%	10	10	NA	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	30	30	0	4%	0	0	\$53,540	NA
11-9041	Engineering Managers	110	110	0	0%	0	0	\$73,084	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	500	500	0	0%	20	20	\$29,710	Work experience in a related occupation
11-9081	Lodging Managers	30	30	0	4%	0	0	NA	Work experience in a related occupation
11-9111	Medical and Health Services Managers	270	280	10	4%	10	20	\$56,554	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	20	20	0	0%	0	0	\$57,238	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	0	0	\$49,005	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	60	60	0	0%	0	0	\$41,590	Bachelor's degree
11-9151	Social and Community Service Managers	90	90	0	2%	0	10	\$41,688	Bachelor's degree
11-9199	Managers, All Other	310	300	0	-1%	10	10	\$68,688	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	3,480	3,570	80	2%	120	200	\$48,065	NA
13-1000	Business Operations Specialists	1,910	1,970	60	3%	70	130	NA	NA
13-1022	Wholesale and Retail Buyers, Except Farm Products	160	160	0	-1%	10	10	\$36,708	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	200	200	0	2%	10	10	\$49,891	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	30	30	0	4%	0	0	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	120	120	0	2%	10	10	\$46,244	Long-term on-the-job training
13-1051	Cost Estimators	150	150	0	3%	10	10	\$47,383	Bachelor's degree
13-1071	Employment, Recruitment, and Placement Specialists	140	150	10	5%	0	10	\$38,034	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	60	70	0	6%	0	10	\$39,768	Bachelor's degree

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13-1073	Training and Development Specialists	80	80	0	4%	0	10	\$38,967	Bachelor's degree
13-1111	Management Analysts	250	270	20	6%	10	20	\$65,715	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	30	30	0	6%	0	0	\$33,048	Bachelor's degree
13-1199	Business Operations Specialists, All Other	660	680	20	3%	20	40	\$55,892	Bachelor's degree
13-2000	<i>Financial Specialists</i>	1,570	1,590	20	1%	50	80	NA NA	
13-2011	Accountants and Auditors	820	820	0	0%	30	30	\$49,623	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	40	40	0	3%	0	0	\$28,488	Postsecondary vocational training
13-2031	Budget Analysts	50	50	0	0%	0	0	\$58,127	Bachelor's degree
13-2051	Financial Analysts	60	60	0	3%	0	0	\$44,379	Bachelor's degree
13-2052	Personal Financial Advisors	50	50	10	10%	0	10	NA	Bachelor's degree
13-2072	Loan Officers	180	190	10	4%	10	10	\$50,218	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	90	90	0	0%	0	0	NA	Bachelor's degree
13-2082	Tax Preparers	140	150	10	4%	0	10	\$15,187	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	90	90	0	1%	0	0	\$55,516	Bachelor's degree
15-0000	Computer and Mathematical Occupations	1,940	2,030	80	4%	50	130	\$49,860	NA
15-1000	<i>Computer Specialists</i>	1,890	1,970	80	4%	50	130	NA NA	
15-1011	Computer and Information Scientists, Research	50	50	0	4%	0	0	\$92,877	Doctoral degree
15-1021	Computer Programmers	500	510	10	2%	20	30	\$48,476	Bachelor's degree
15-1031	Computer Software Engineers, Applications	110	110	0	4%	0	10	\$66,493	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	80	90	10	6%	0	10	\$57,210	Bachelor's degree
15-1041	Computer Support Specialists	240	250	10	2%	10	10	\$36,163	Associate degree
15-1051	Computer Systems Analysts	550	570	30	5%	10	40	\$53,926	Bachelor's degree
15-1061	Database Administrators	50	50	0	4%	0	0	\$44,187	Bachelor's degree
15-1071	Network and Computer Systems Administrators	140	150	10	7%	0	10	\$48,588	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	30	30	0	10%	0	0	\$49,691	Bachelor's degree
15-1099	Computer Specialists, All Other	150	160	10	8%	0	20	\$35,959	Postsecondary vocational training
15-2000	<i>Mathematical Scientists</i>	60	60	0	0%	0	0	NA NA	
15-2031	Operations Research Analysts	20	20	0	0%	0	0	\$66,968	Master's degree
15-2041	Statisticians	30	30	0	0%	0	0	\$55,799	Master's degree
17-0000	Architecture and Engineering Occupations	2,050	2,060	20	1%	90	120	\$60,372	NA
17-1000	<i>Architects, Surveyors, and Cartographers</i>	130	140	10	4%	10	10	NA NA	
17-1011	Architects, Except Landscape and Naval	50	50	0	4%	0	0	\$57,495	Bachelor's degree
17-1022	Surveyors	60	60	0	2%	0	10	\$31,141	Bachelor's degree
17-2000	<i>Engineers</i>	990	1,000	10	1%	40	60	NA NA	
17-2031	Biomedical Engineers	30	30	0	7%	0	0	NA	Bachelor's degree
17-2051	Civil Engineers	90	90	0	1%	0	0	\$56,802	Bachelor's degree
17-2061	Computer Hardware Engineers	60	60	0	7%	0	10	\$55,358	Bachelor's degree
17-2071	Electrical Engineers	80	80	0	0%	0	0	\$58,669	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	260	260	0	2%	10	10	\$73,185	Bachelor's degree
17-2112	Industrial Engineers	170	170	0	-2%	10	10	\$65,540	Bachelor's degree
17-2141	Mechanical Engineers	160	160	0	0%	10	10	\$72,288	Bachelor's degree
17-2199	Engineers, All Other	80	90	0	5%	0	10	\$50,626	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	920	920	0	0%	40	50	NA NA	
17-3011	Architectural and Civil Drafters	80	90	0	4%	10	10	\$36,183	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	30	30	0	-4%	0	0	NA	Postsecondary vocational training
17-3013	Mechanical Drafters	50	40	0	-4%	0	0	\$38,446	Postsecondary vocational training
17-3022	Civil Engineering Technicians	30	30	0	4%	0	0	NA	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	510	510	-10	-1%	20	20	\$53,167	Associate degree
17-3024	Electro-Mechanical Technicians	20	20	0	0%	0	0	NA	Associate degree
17-3026	Industrial Engineering Technicians	30	30	0	-3%	0	0	\$51,135	Associate degree
17-3031	Surveying and Mapping Technicians	40	40	0	8%	0	10	\$25,465	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	110	110	0	1%	10	10	NA NA	
19-0000	Life, Physical, and Social Science Occupations	770	790	30	3%	40	60	\$53,820	NA

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19-1000	Life Scientists	130	130	0	3%	10	10	NA NA	
19-1022	Microbiologists	30	30	0	4%	0	0	\$45,988	Doctoral degree
19-1031	Conservation Scientists	30	30	0	0%	0	0	\$46,622	Bachelor's degree
19-1042	Medical Scientists, Except Epidemiologists	30	30	0	7%	0	0	NA	Doctoral degree
19-2000	Physical Scientists	120	130	10	5%	10	10	NA NA	
19-2031	Chemists	50	60	0	7%	0	10	\$67,541	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	40	40	0	0%	0	0	\$61,810	Bachelor's degree
19-3000	Social Scientists and Related Workers	380	390	10	2%	20	30	NA NA	
19-3021	Market Research Analysts	240	250	10	3%	10	20	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	70	70	0	3%	0	10	\$54,355	Master's degree
19-3099	Social Scientists and Related Workers, All Other	30	30	0	0%	0	0	NA	Master's degree
19-4000	Life, Physical, and Social Science Technicians	140	140	10	4%	10	10	NA NA	
19-4021	Biological Technicians	30	30	0	0%	0	0	\$33,732	Associate degree
19-4031	Chemical Technicians	30	30	0	14%	0	10	NA	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	50	50	0	2%	0	0	\$37,485	Associate degree
21-0000	Community and Social Services Occupations	1,600	1,660	70	4%	60	130	\$32,114	NA
21-1000	Counselors, Social Workers, and Other Community and Social Service Sp	1,410	1,470	70	5%	50	120	NA NA	
21-1011	Substance Abuse and Behavioral Disorder Counselors	160	170	10	7%	10	20	NA	Master's degree
21-1012	Educational, Vocational, and School Counselors	410	420	10	2%	20	30	NA	Master's degree
21-1013	Marriage and Family Therapists	20	20	0	4%	0	0	NA	Master's degree
21-1015	Rehabilitation Counselors	100	100	10	6%	0	10	\$20,936	Master's degree
21-1021	Child, Family, and School Social Workers	230	230	10	4%	10	20	\$29,418	Bachelor's degree
21-1022	Medical and Public Health Social Workers	80	90	0	2%	0	10	\$36,258	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	50	50	0	7%	0	0	\$35,216	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	50	50	0	0%	0	0	\$30,521	Bachelor's degree
21-1093	Social and Human Service Assistants	290	310	30	9%	10	30	\$25,422	Moderate-term on-the-job training
21-9000	Miscellaneous Counselors, Social, & Religious Workers	170	170	0	2%	10	10	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	170	170	0	2%	10	10	NA NA	
23-0000	Legal Occupations	590	600	10	1%	10	20	\$43,727	NA
23-1000	Lawyers, Judges, and Related Workers	220	230	0	2%	0	10	NA NA	
23-1011	Lawyers	180	180	0	2%	0	10	\$67,835	First professional degree
23-2000	Legal Support Workers	240	240	0	0%	0	10	NA NA	
23-2011	Paralegals and Legal Assistants	90	90	0	3%	0	0	\$31,055	Associate degree
23-2092	Law Clerks	40	40	0	0%	0	0	NA	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	110	100	0	-2%	0	0	NA	Moderate-term on-the-job training
23-9000	Miscellaneous Legal & Related Workers	130	130	0	0%	0	0	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	130	130	0	0%	0	0	NA NA	
25-0000	Education, Training, and Library Occupations	12,360	12,990	620	5%	460	1,080	\$42,187	NA
25-1000	Postsecondary Teachers	4,400	4,680	290	7%	190	480	NA NA	
25-1011	Business Teachers, Postsecondary	270	290	20	7%	10	30	NA	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	30	30	0	6%	0	0	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	80	80	10	6%	0	10	NA	Doctoral degree
25-1042	Biological Science Teachers, Postsecondary	90	100	10	7%	0	10	NA	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postseconda	50	50	0	4%	0	0	NA	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	40	50	0	7%	0	10	NA	Doctoral degree
25-1054	Physics Teachers, Postsecondary	40	50	0	7%	0	10	NA	Doctoral degree
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	130	140	10	7%	10	20	NA	Doctoral degree
25-1063	Economics Teachers, Postsecondary	30	30	0	7%	0	0	NA	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	30	30	0	7%	0	0	NA	Doctoral degree

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25-1066	Psychology Teachers, Postsecondary	60	60	0	7%	0	10	NA	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	40	0	8%	0	10	NA	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	80	80	10	6%	0	10	NA	Doctoral degree
25-1081	Education Teachers, Postsecondary	190	200	10	7%	10	20	NA	Doctoral degree
25-1082	Library Science Teachers, Postsecondary	20	20	0	10%	0	0	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	30	30	0	8%	0	0	NA	Doctoral degree
25-1112	Law Teachers, Postsecondary	60	60	0	7%	0	10	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	90	90	10	7%	0	10	NA	Doctoral degree
25-1122	Communications Teachers, Postsecondary	110	110	10	7%	10	10	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	100	110	10	6%	0	10	NA	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	110	120	10	7%	10	10	NA	Doctoral degree
25-1125	History Teachers, Postsecondary	60	60	0	7%	0	10	NA	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	40	40	0	8%	0	10	NA	Doctoral degree
25-1191	Graduate Teaching Assistants	2,130	2,260	140	6%	90	230	NA	Bachelor's degree
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	70	80	10	7%	0	10	NA	Master's degree
25-1199	Postsecondary Teachers, All Other	400	420	30	7%	20	40	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	3,450	3,550	100	3%	140	250	NA	NA
25-2011	Preschool Teachers, Except Special Education	290	290	0	1%	10	10	\$18,585	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	110	120	10	5%	0	10	\$45,882	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	860	880	20	3%	30	60	\$43,938	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	600	610	10	2%	20	30	\$46,103	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,120	1,160	40	3%	60	100	\$45,814	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	130	130	0	2%	10	10	NA	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	150	160	10	6%	10	20	\$41,780	Bachelor's degree
25-2042	Special Education Teachers, Middle School	60	70	0	7%	0	10	\$43,320	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	130	140	10	5%	10	10	\$42,860	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	3,130	3,330	200	6%	70	260	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	30	30	0	3%	0	0	\$24,167	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	370	390	20	5%	10	30	\$22,129	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	2,730	2,900	180	6%	60	240	NA	NA
25-4000	<i>Librarians, Curators, and Archivists</i>	300	300	0	1%	20	20	NA	NA
25-4021	Librarians	220	220	0	1%	10	10	\$49,207	Master's degree
25-4031	Library Technicians	80	80	0	0%	10	10	NA	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	1,090	1,130	40	3%	40	70	NA	NA
25-9031	Instructional Coordinators	80	80	0	4%	0	10	\$51,665	Master's degree
25-9041	Teacher Assistants	990	1,030	30	3%	40	70	\$18,089	Short-term on-the-job training
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	1,560	1,580	20	1%	60	90	\$34,839	NA
27-1000	<i>Art and Design Workers</i>	490	490	0	1%	10	20	NA	NA
27-1011	Art Directors	50	50	0	-2%	0	0	NA	Work experience plus bachelor's or higher degree
27-1014	Multi-Media Artists and Animators	30	30	0	0%	0	0	\$43,216	Bachelor's degree
27-1021	Commercial and Industrial Designers	40	40	0	-2%	0	0	\$49,222	Bachelor's degree
27-1023	Floral Designers	60	60	0	-2%	0	0	\$20,325	Moderate-term on-the-job training
27-1024	Graphic Designers	160	160	10	4%	0	10	\$37,202	Bachelor's degree
27-1025	Interior Designers	20	20	0	0%	0	0	\$41,941	Bachelor's degree
27-1099	Art and Design Workers, All Other (OES Only)	100	110	0	3%	0	10	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	270	270	0	1%	20	20	NA	NA
27-2022	Coaches and Scouts	140	140	0	3%	10	10	\$40,734	Long-term on-the-job training
27-2032	Choreographers	60	60	0	2%	10	10	NA	Work experience in a related occupation
27-2042	Musicians and Singers	40	40	0	-3%	0	0	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	660	670	10	1%	30	40	NA	NA
27-3010	Announcers	70	70	0	-3%	0	0	NA	NA
27-3020	News Analysts, Reporters and Correspondents	170	160	0	-2%	10	10	NA	NA
27-3031	Public Relations Specialists	110	120	10	7%	0	10	\$36,693	Bachelor's degree
27-3041	Editors	200	200	0	0%	10	10	\$38,105	Bachelor's degree

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27-3043	Writers and Authors	70	80	0	4%	0	10	\$42,482	Bachelor's degree
27-3099	Media and Communication Workers, All Other	20	30	0	4%	0	0		NA Long-term on-the-job training
27-4000	Media and Communication Equipment Workers	150	150	0	1%	0	10	NA NA	
27-4012	Broadcast Technicians	20	20	0	0%	0	0		NA Postsecondary vocational training
27-4021	Photographers	100	100	0	0%	0	0	\$25,380	Long-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	5,570	5,760	190	3%	190	390	\$45,240	NA
29-1000	Health Diagnosing and Treating Practitioners	3,110	3,230	120	4%	110	230	NA NA	
29-1011	Chiropractors	70	70	0	3%	0	0	\$69,191	First professional degree
29-1031	Dietitians and Nutritionists	50	50	0	2%	0	0		NA Bachelor's degree
29-1051	Pharmacists	220	230	10	3%	10	10	\$82,997	First professional degree
29-1061	Anesthesiologists	30	30	0	4%	0	0		NA First professional degree
29-1062	Family and General Practitioners	70	70	0	0%	0	0	\$163,504	First professional degree
29-1064	Obstetricians and Gynecologists	30	30	0	4%	0	0		NA First professional degree
29-1067	Surgeons	30	30	0	0%	0	0		NA First professional degree
29-1069	Physicians and Surgeons, All Other	50	50	0	0%	0	0		NA NA
29-1071	Physician Assistants	20	30	0	9%	0	0	\$33,627	Bachelor's degree
29-1081	Podiatrists	20	20	0	0%	0	0		NA First professional degree
29-1111	Registered Nurses	1,910	1,990	80	4%	70	150	\$47,072	Associate degree
29-1122	Occupational Therapists	100	110	0	3%	0	10	\$54,292	Bachelor's degree
29-1123	Physical Therapists	160	160	10	4%	0	10	\$55,136	Master's degree
29-1125	Recreational Therapists	30	30	0	0%	0	0		NA Bachelor's degree
29-1126	Respiratory Therapists	160	170	10	6%	10	20	\$45,283	Associate degree
29-1127	Speech-Language Pathologists	80	80	0	5%	0	10	\$49,700	Master's degree
29-1131	Veterinarians	40	40	0	5%	0	0	\$87,233	First professional degree
29-2000	Health Technologists and Technicians	2,310	2,380	70	3%	80	140	NA NA	
29-2011	Medical and Clinical Laboratory Technologists	70	70	0	3%	0	10	\$42,524	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	90	90	0	3%	10	10		NA Associate degree
29-2021	Dental Hygienists	130	140	10	6%	0	10		NA Associate degree
29-2031	Cardiovascular Technologists and Technicians	20	20	0	5%	0	0		NA Associate degree
29-2032	Diagnostic Medical Sonographers	30	30	0	4%	0	0		NA Associate degree
29-2034	Radiologic Technologists and Technicians	150	150	10	3%	10	10	\$41,025	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	180	190	10	3%	0	10	\$25,453	Postsecondary vocational training
29-2051	Dietetic Technicians	100	100	0	2%	0	0	\$18,486	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	210	220	10	3%	10	10	\$21,659	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	80	80	0	1%	0	0		NA Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	30	30	0	3%	0	0		NA Postsecondary vocational training
29-2055	Surgical Technologists	90	90	0	4%	0	10		NA Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	910	930	20	2%	40	50	\$33,250	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	140	140	10	5%	0	10	\$22,996	Associate degree
29-2081	Opticians, Dispensing	70	80	0	4%	0	10	\$21,979	Long-term on-the-job training
29-9000	Other Healthcare Practitioners and Technical Occupations	60	60	0	0%	0	0	NA NA	
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	-7%	0	0		NA NA
29-9091	Athletic Trainers	30	30	0	6%	0	0	\$39,738	Bachelor's degree
29-9100	Other Health Practitioners And Technical Workers	90	90	0	3%	0	10	NA NA	
29-9199	Health Professionals and Technicians, All Other (OES Only)	90	90	0	3%	0	10	NA NA	
31-0000	Healthcare Support Occupations	3,200	3,320	120	4%	100	220	\$21,186	NA
31-1000	Nursing, Psychiatric, and Home Health Aides	2,110	2,190	80	4%	50	140	NA NA	
31-1011	Home Health Aides	280	300	20	8%	10	30	\$18,841	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,810	1,870	60	3%	40	110	\$19,984	Short-term on-the-job training
31-1013	Psychiatric Aides	20	30	0	4%	0	0		NA Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	90	100	0	4%	0	10	NA NA	
31-2021	Physical Therapist Assistants	50	60	0	8%	0	10	\$37,228	Associate degree
31-2022	Physical Therapist Aides	30	30	0	0%	0	0		NA Short-term on-the-job training

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31-9000	Other Healthcare Support Occupations	1,000	1,030	30	3%	40	80	NA NA	
31-9011	Massage Therapists	90	100	0	1%	0	10	\$21,528	Postsecondary vocational training
31-9091	Dental Assistants	280	300	20	6%	20	30	\$26,495	Moderate-term on-the-job training
31-9092	Medical Assistants	130	140	10	7%	10	10	\$24,540	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	110	110	0	3%	0	10	\$27,606	Postsecondary vocational training
31-9095	Pharmacy Aides	120	120	0	-2%	0	0	\$18,466	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	90	90	0	0%	0	0	\$17,452	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	160	170	10	4%	10	10	\$25,455	Short-term on-the-job training
33-0000	Protective Service Occupations	2,160	2,200	40	2%	140	180	\$27,275	NA
33-1000	First-Line Supervisors/Managers, Protective Service Workers	180	180	0	0%	10	10	NA NA	
33-1012	First-Line Supervisors/Managers of Police and Detectives	80	80	0	0%	10	10	\$44,687	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	50	50	0	0%	0	0	\$43,991	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0%	0	0	\$31,449	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	220	220	0	1%	10	10	NA NA	
33-2011	Fire Fighters	210	220	0	1%	10	10	\$36,810	Long-term on-the-job training
33-3000	Law Enforcement Workers	820	840	20	3%	40	60	NA NA	
33-3012	Correctional Officers and Jailers	270	280	10	3%	10	20	\$26,674	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	80	90	0	5%	0	10	\$38,195	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	440	450	10	2%	20	30	\$34,805	Long-term on-the-job training
33-9000	Other Protective Service Workers	950	960	10	1%	80	90	NA NA	
33-9021	Private Detectives and Investigators	30	30	0	8%	0	0	\$62,624	Work experience in a related occupation
33-9032	Security Guards	680	690	10	1%	30	40	\$17,540	Short-term on-the-job training
33-9091	Crossing Guards	40	40	0	0%	0	0	NA NA	
33-9099	Protective Service Workers, All Other	200	200	0	1%	40	40	\$23,054	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	11,320	11,540	220	2%	1,090	1,330	\$15,781	NA
35-1000	Supervisors, Food Preparation and Serving Workers	960	970	10	1%	50	60	NA NA	
35-1011	Chefs and Head Cooks	120	120	0	2%	10	10	\$23,451	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	840	850	10	1%	40	50	\$23,145	Work experience in a related occupation
35-2000	Cooks and Food Preparation Workers	3,230	3,250	20	1%	270	310	NA NA	
35-2011	Cooks, Fast Food	830	820	-10	-1%	70	70	\$13,677	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	760	750	-10	-1%	60	60	\$18,291	Long-term on-the-job training
35-2014	Cooks, Restaurant	640	660	20	3%	50	70	\$16,897	Long-term on-the-job training
35-2015	Cooks, Short Order	150	150	0	1%	10	10	\$15,080	Short-term on-the-job training
35-2021	Food Preparation Workers	840	860	20	2%	80	100	\$16,493	Short-term on-the-job training
35-3000	Food and Beverage Serving Workers	5,500	5,640	140	3%	630	770	NA NA	
35-3011	Bartenders	470	480	10	2%	40	50	\$14,138	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,620	2,680	60	2%	290	340	\$14,530	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	380	390	10	2%	80	90	\$13,614	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,850	1,910	60	3%	220	280	\$14,758	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	170	180	10	4%	20	20	NA	Short-term on-the-job training
35-9000	Other Food Preparation and Serving Related Workers	1,640	1,680	40	3%	140	180	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	720	20	3%	60	90	\$14,691	Short-term on-the-job training
35-9021	Dishwashers	410	410	0	1%	40	40	\$14,746	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	490	500	20	3%	40	50	\$16,651	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	40	40	0	0%	0	0	NA	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	3,890	3,950	50	1%	150	220	\$21,816	NA
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	400	410	10	1%	20	20	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	320	320	10	2%	10	20	\$32,515	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	80	80	0	0%	0	0	\$35,775	Work experience in a related occupation

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37-2000	Building Cleaning and Pest Control Workers	2,770	2,800	30	1%	110	150	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,990	2,030	40	2%	80	120	\$22,442	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	740	730	-10	-1%	30	30	\$15,968	Short-term on-the-job training
37-2021	Pest Control Workers	40	40	0	3%	0	0	\$24,561	Moderate-term on-the-job training
37-3000	Grounds Maintenance Workers	730	740	20	2%	30	50	NA NA	
37-3011	Landscaping and Groundskeeping Workers	640	660	10	2%	30	40	\$19,677	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	70	70	0	1%	0	0	NA	Moderate-term on-the-job training
39-0000	Personal Care and Service Occupations	2,990	3,060	70	2%	150	230	\$18,700	NA
39-1000	Supervisors, Personal Care and Service Workers	140	130	0	-1%	10	10	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	130	130	0	-1%	10	10	\$31,047	Work experience in a related occupation
39-2000	Animal Care and Service Workers	110	110	0	2%	10	10	NA NA	
39-2021	Nonfarm Animal Caretakers	110	110	0	2%	10	10	\$17,560	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	370	380	10	3%	30	40	NA NA	
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	70	10	8%	10	20	\$13,415	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	210	220	0	2%	20	20	\$15,346	Short-term on-the-job training
39-3093	Locker Room, Coathouse, and Dressing Room Attendants	30	30	0	4%	0	0	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	40	40	0	3%	0	0	NA NA	
39-4000	Funeral Service Workers	70	70	0	3%	0	0	NA NA	
39-4021	Funeral Attendants	60	60	0	2%	0	0	\$21,364	Short-term on-the-job training
39-5000	Personal Appearance Workers	250	250	0	1%	10	10	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	240	240	0	1%	10	10	\$26,036	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	50	50	0	4%	0	0	NA NA	
39-6021	Tour Guides and Escorts	30	40	0	6%	0	0	NA	Moderate-term on-the-job training
39-9000	Other Personal Care and Service Workers	2,020	2,070	50	2%	90	150	NA NA	
39-9011	Child Care Workers	960	950	-10	-1%	60	60	\$16,041	Short-term on-the-job training
39-9021	Personal and Home Care Aides	630	680	50	8%	20	70	\$17,472	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	130	140	0	3%	10	10	\$18,825	Postsecondary vocational training
39-9032	Recreation Workers	210	220	0	2%	10	10	\$24,205	Bachelor's degree
39-9041	Residential Advisors	40	40	0	3%	0	0	\$21,425	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	50	50	0	0%	0	0	\$16,913	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	10,210	10,290	70	1%	820	900	\$23,155	NA
41-1000	Supervisors, Sales Workers	1,460	1,470	10	1%	50	60	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,220	10	0%	40	50	\$32,649	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	260	260	0	2%	10	10	\$61,760	Work experience in a related occupation
41-2000	Retail Sales Workers	6,660	6,680	20	0%	680	710	NA NA	
41-2011	Cashiers	2,970	2,970	0	0%	380	390	\$15,433	Short-term on-the-job training
41-2021	Counter and Rental Clerks	290	290	0	1%	30	30	\$18,072	Short-term on-the-job training
41-2022	Parts Salespersons	150	150	0	-1%	10	10	\$19,908	Moderate-term on-the-job training
41-2031	Retail Salespersons	3,250	3,270	20	1%	260	280	\$18,814	Short-term on-the-job training
41-3000	Sales Representatives, Services	420	430	0	1%	20	30	NA NA	
41-3011	Advertising Sales Agents	110	110	0	2%	0	10	\$43,835	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	210	220	10	4%	10	20	\$44,368	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	50	50	0	-7%	0	0	\$113,485	Bachelor's degree
41-3041	Travel Agents	50	40	0	-7%	0	0	\$24,448	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	720	740	20	3%	40	60	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	60	70	10	8%	0	10	NA	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	660	680	20	3%	30	50	\$45,046	Moderate-term on-the-job training

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41-9000	Other Sales and Related Workers	940	960	10	1%	30	50	NA NA	
41-9011	Demonstrators and Product Promoters	50	50	0	4%	0	0	NA	Moderate-term on-the-job training
41-9021	Real Estate Brokers	50	50	0	-2%	0	0	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	200	200	0	0%	10	10	\$20,020	Postsecondary vocational training
41-9031	Sales Engineers	30	30	0	-6%	0	0	NA	Bachelor's degree
41-9041	Telemarketers	370	370	10	2%	10	20	NA	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	50	50	0	2%	0	0	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	200	210	10	4%	10	20	\$25,884	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	16,750	16,630	-110	-1%	790	860	\$26,131	NA
43-1000	Supervisors, Office and Administrative Support Workers	880	860	-10	-1%	30	30	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	880	860	-10	-1%	30	30	\$38,302	Work experience in a related occupation
43-2000	Communications Equipment Operators	240	230	-10	-5%	10	10	NA NA	
43-2011	Switchboard Operators, Including Answering Service	180	180	0	-2%	10	10	\$21,365	Short-term on-the-job training
43-2021	Telephone Operators	50	40	-10	-17%	0	0	NA	Short-term on-the-job training
43-3000	Financial Clerks	2,790	2,780	-20	-1%	130	130	NA NA	
43-3011	Bill and Account Collectors	190	190	0	2%	10	10	\$26,179	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	240	240	0	0%	10	10	\$24,755	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,780	1,760	-20	-1%	60	60	\$25,837	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	190	190	0	0%	10	10	\$27,630	Short-term on-the-job training
43-3061	Procurement Clerks	50	50	0	-2%	0	0	\$30,163	Short-term on-the-job training
43-3071	Tellers	350	350	0	-1%	40	40	\$19,126	Short-term on-the-job training
43-4000	Information and Record Clerks	2,840	2,870	30	1%	130	170	NA NA	
43-4031	Court, Municipal, and License Clerks	70	70	0	0%	0	0	\$22,797	Short-term on-the-job training
43-4051	Customer Service Representatives	580	580	0	0%	20	20	\$27,300	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	60	50	0	-5%	0	0	\$23,857	Moderate-term on-the-job training
43-4071	File Clerks	110	110	0	0%	10	10	\$18,978	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	100	100	0	-1%	10	10	\$16,207	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	140	140	10	7%	10	20	NA	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	60	0	2%	10	10	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	90	90	0	-2%	0	0	\$25,236	Short-term on-the-job training
43-4141	New Accounts Clerks	30	30	0	0%	0	0	\$25,357	Work experience in a related occupation
43-4151	Order Clerks	210	210	0	-1%	10	10	\$27,936	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	150	150	0	-1%	10	10	\$28,495	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	920	960	30	3%	50	80	\$20,835	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	300	300	0	-1%	10	10	NA NA	
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	2,710	2,650	-60	-2%	190	190	NA NA	
43-5021	Couriers and Messengers	50	50	0	-2%	0	0	\$15,667	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	60	60	0	-2%	0	0	\$23,137	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	70	70	0	3%	0	10	\$30,827	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	40	40	0	-5%	0	0	\$26,174	NA
43-5051	Postal Service Clerks	60	60	0	0%	0	0	\$40,932	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	330	330	0	0%	20	20	\$41,388	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	120	110	0	-2%	10	10	\$37,055	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	260	260	0	0%	10	10	\$32,403	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	490	480	-10	-2%	20	20	\$28,431	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,170	1,120	-50	-4%	120	120	\$19,510	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	70	70	0	0%	0	0	\$28,232	Short-term on-the-job training
43-6000	Secretaries and Administrative Assistants	3,230	3,200	-30	-1%	110	120	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	1,110	1,100	-10	-1%	40	40	\$33,324	Moderate-term on-the-job training
43-6012	Legal Secretaries	80	80	0	4%	0	10	\$25,505	Postsecondary vocational training
43-6013	Medical Secretaries	210	210	0	1%	10	10	\$27,057	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,830	1,810	-20	-1%	60	60	\$24,537	Moderate-term on-the-job training
43-9000	Other Office and Administrative Support Workers	4,070	4,050	-20	0%	180	200	NA NA	

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43-9011	Computer Operators	170	170	-10	-4%	10	10	\$29,465	Moderate-term on-the-job training
43-9021	Data Entry Keyers	250	240	-10	-4%	10	10	\$22,197	Moderate-term on-the-job training
43-9022	Word Processors and Typists	110	100	-10	-9%	10	10	\$24,389	Moderate-term on-the-job training
43-9031	Desktop Publishers	20	20	0	0%	0	0	\$25,105	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	60	60	0	0%	0	0	\$23,783	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	90	90	0	-1%	10	10	\$24,367	Short-term on-the-job training
43-9061	Office Clerks, General	2,600	2,620	20	1%	120	140	\$21,118	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	40	40	0	-5%	0	0	NA	Short-term on-the-job training
43-9111	Statistical Assistants	160	160	-10	-4%	10	10	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	550	550	0	-1%	20	20	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	390	390	0	0%	20	30	\$24,067	NA
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	30	30	0	-7%	0	0	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	30	30	0	-7%	0	0	\$35,361	Work experience in a related occupation
45-2000	Agricultural Workers	290	290	0	0%	20	20	NA	NA
45-2091	Agricultural Equipment Operators	30	30	0	0%	0	0	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	200	200	0	-2%	10	10	NA	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	4%	0	10	NA	Moderate-term on-the-job training
45-4000	Forest, Conservation, and Logging Workers	50	50	0	4%	0	0	NA	NA
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
45-9000	Other Farming, Fishing, and Forestry Workers	20	20	0	4%	0	0	NA	NA
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	20	20	0	4%	0	0	NA	NA
47-0000	Construction and Extraction Occupations	6,160	6,230	70	1%	240	330	\$35,869	NA
47-1000	Supervisors, Construction and Extraction Workers	560	560	10	1%	20	20	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	560	560	10	1%	20	20	\$52,788	Work experience in a related occupation
47-2000	Construction Trades Workers	4,570	4,630	60	1%	160	230	NA	NA
47-2021	Brickmasons and Blockmasons	90	90	0	2%	0	0	\$46,629	Long-term on-the-job training
47-2022	Stonemasons	50	50	0	2%	0	0	\$30,454	Long-term on-the-job training
47-2031	Carpenters	980	1,010	30	3%	30	60	\$32,707	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	120	130	10	6%	10	10	\$28,503	Long-term on-the-job training
47-2061	Construction Laborers	730	740	10	2%	20	30	\$29,209	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	30	30	0	4%	0	0	\$27,330	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	760	750	-10	-1%	40	40	\$38,670	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	50	50	0	0%	0	0	NA	Moderate-term on-the-job training
47-2082	Tapers	30	30	0	3%	0	0	NA	Moderate-term on-the-job training
47-2111	Electricians	570	580	10	1%	20	30	\$45,509	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	260	270	0	1%	10	10	\$29,286	Moderate-term on-the-job training
47-2151	Pipelayers	60	60	0	4%	0	0	\$29,575	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	570	570	0	0%	30	30	\$47,114	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	40	40	0	0%	0	0	NA	Long-term on-the-job training
47-2181	Roofers	70	70	0	1%	0	0	\$31,007	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	100	110	0	1%	10	10	\$38,158	Moderate-term on-the-job training
47-3000	Helpers, Construction Trades	480	490	10	2%	40	50	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	60	60	0	0%	10	10	\$24,149	Short-term on-the-job training
47-3012	Helpers--Carpenters	130	130	10	4%	10	20	NA	Short-term on-the-job training
47-3013	Helpers--Electricians	80	80	0	0%	10	10	\$19,075	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	60	60	0	0%	10	10	\$26,551	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	130	140	10	4%	10	20	NA	Short-term on-the-job training
47-4000	Other Construction and Related Workers	240	240	0	2%	10	10	NA	NA
47-4011	Construction and Building Inspectors	120	120	10	4%	10	10	\$36,922	Work experience in a related occupation
47-4051	Highway Maintenance Workers	100	100	0	-1%	0	0	\$26,162	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	40	40	0	6%	0	0	NA	NA

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
47-4999	Construction Trades and Related Workers, All Other (OES Only)	40	40	0	6%	0	0	NA NA	
47-5000	Extraction Workers	270	270	-10	-3%	10	20	NA NA	
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	0%	0	0	\$34,092	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	50	50	0	0%	0	0	\$34,111	Moderate-term on-the-job training
47-5042	Mine Cutting and Channeling Machine Operators	40	40	0	-5%	0	0	\$31,806	Work experience in a related occupation
47-5061	Roof Bolters, Mining	40	40	0	-7%	0	0	NA NA	
47-5099	Extraction Workers, All Other	40	40	0	-7%	0	0	NA NA	
49-0000	Installation, Maintenance, and Repair Occupations	4,580	4,600	20	1%	200	250	\$33,834	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	440	440	0	0%	20	20	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	440	440	0	0%	20	20	\$48,972	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	260	260	0	-1%	10	10	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	30	40	0	3%	0	0	\$28,191	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	110	110	0	-3%	0	0	\$40,216	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	20	20	0	0%	0	0	NA	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	20	20	0	-4%	0	0	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,360	1,370	10	1%	70	90	NA NA	
49-3011	Aircraft Mechanics and Service Technicians	60	60	0	0%	0	0	NA	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	110	120	0	3%	0	10	\$32,769	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	690	700	10	2%	40	50	\$27,664	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	130	130	0	0%	10	10	\$32,751	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	60	60	0	4%	0	0	NA	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	110	110	0	0%	0	0	\$32,803	Postsecondary vocational training
49-3052	Motorcycle Mechanics	40	40	0	-5%	0	0	\$27,310	Long-term on-the-job training
49-3093	Tire Repairers and Changers	130	120	0	-3%	10	10	NA	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	2,520	2,530	10	0%	100	120	NA NA	
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	90	80	0	-1%	0	0	\$38,077	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	190	190	10	3%	0	10	NA	Long-term on-the-job training
49-9031	Home Appliance Repairers	180	190	0	1%	10	10	NA	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	160	160	0	-2%	10	10	NA	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,230	1,240	10	0%	40	50	\$31,071	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	80	80	0	-3%	0	0	\$35,732	Long-term on-the-job training
49-9044	Millwrights	100	100	0	3%	0	10	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	90	90	0	-4%	10	10	\$44,593	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	100	100	0	0%	10	10	\$37,303	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	50	50	0	6%	0	10	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	100	100	0	1%	10	10	\$21,274	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	100	100	0	1%	0	10	\$34,983	Long-term on-the-job training
51-0000	Production Occupations	11,640	11,160	-480	-4%	530	590	\$30,102	NA
51-1000	Supervisors, Production Workers	810	800	-10	-1%	30	30	NA NA	
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	810	800	-10	-1%	30	30	\$44,054	Work experience in a related occupation
51-2000	Assemblers and Fabricators	3,350	3,030	-310	-9%	170	170	NA NA	
51-2041	Structural Metal Fabricators and Fitters	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	20	20	0	4%	0	0	NA	Moderate-term on-the-job training
51-2092	Team Assemblers	2,830	2,550	-280	-10%	140	140	\$28,530	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	450	420	-30	-6%	20	20	\$26,317	Moderate-term on-the-job training
51-3000	Food Processing Workers	1,200	1,210	20	1%	50	70	NA NA	
51-3011	Bakers	170	170	0	1%	10	10	\$18,459	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	70	70	0	-3%	0	0	\$25,753	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	90	90	0	1%	0	10	NA	Short-term on-the-job training
51-3023	Slaughtering and Meat Packers	820	840	20	2%	40	50	NA	Moderate-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	20	20	0	0%	0	0	NA	Short-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-4000	Metal Workers and Plastic Workers	2,270	2,210	-60	-3%	100	110	NA NA	
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	290	300	10	4%	10	20	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	120	120	0	1%	10	10	\$25,363	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	150	140	-10	-6%	0	0	NA	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	240	220	-20	-7%	10	10	\$30,342	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	90	-10	-6%	0	0	\$31,920	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	100	0	1%	0	10	\$24,640	Moderate-term on-the-job training
51-4041	Machinists	160	160	0	-1%	10	10	\$41,656	Long-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	220	210	-10	-4%	10	10	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	280	260	-20	-6%	10	10	NA	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	290	280	-10	-4%	20	20	\$32,317	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	160	160	0	1%	10	10	NA	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	40	40	0	-8%	0	0	\$31,326	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	60	60	0	0%	0	0	\$48,294	Moderate-term on-the-job training
51-5000	Printing Workers	340	330	-20	-5%	20	20	NA NA	
51-5011	Bindery Workers	80	70	-10	-7%	0	0	\$21,376	Moderate-term on-the-job training
51-5021	Job Printers	20	20	0	0%	0	0	\$23,922	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	90	80	-10	-6%	0	0	\$29,608	Long-term on-the-job training
51-5023	Printing Machine Operators	150	150	-10	-5%	10	10	\$27,655	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	750	710	-40	-5%	30	30	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	130	130	0	0%	10	10	\$16,583	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	110	110	0	-2%	0	0	\$18,652	Short-term on-the-job training
51-6031	Sewing Machine Operators	190	180	-10	-7%	0	0	\$20,431	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	70	70	0	-1%	0	0	\$18,512	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	50	50	-10	-13%	0	0	NA	Moderate-term on-the-job training
51-6093	Upholsterers	160	150	-10	-8%	10	10	NA	Long-term on-the-job training
51-7000	Woodworkers	350	340	-10	-3%	20	20	NA NA	
51-7011	Cabinetmakers and Bench Carpenters	150	150	0	-1%	10	10	\$20,848	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	80	80	0	-5%	10	10	\$30,429	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	80	80	-10	-6%	0	0	\$23,721	Moderate-term on-the-job training
51-8000	Plant and System Operators	230	220	-10	-4%	10	10	NA NA	
51-8012	Power Distributors and Dispatchers	60	60	0	-5%	0	0	NA	Long-term on-the-job training
51-8013	Power Plant Operators	20	20	0	-5%	0	0	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	30	20	0	-4%	0	0	\$37,431	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	90	80	0	-2%	10	10	\$33,488	Long-term on-the-job training
51-9000	Other Production Occupations	2,340	2,300	-40	-2%	110	130	NA NA	
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders, Metal and Plastic	90	90	0	0%	10	10	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	-4%	0	0	NA	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	30	30	0	-6%	0	0	\$27,330	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	140	140	-10	-4%	10	10	\$31,580	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	100	100	0	3%	0	10	\$31,898	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	170	170	0	0%	10	10	\$31,800	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders, Metal and Plastic	40	40	0	3%	0	0	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	650	610	-40	-6%	30	30	\$32,847	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	20	20	0	5%	0	0	\$37,210	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	530	540	10	2%	20	30	\$27,566	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	60	50	0	-4%	0	0	\$26,749	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	20	20	0	-10%	0	0	NA	Short-term on-the-job training
51-9131	Photographic Process Workers	30	30	0	0%	0	0	\$14,813	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	30	30	0	4%	0	0	NA	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	30	30	0	0%	0	0	NA	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	180	170	0	-2%	10	10	\$20,204	Short-term on-the-job training
51-9199	Production Workers, All Other	50	50	0	-2%	0	0	\$40,511	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	7,140	7,130	-10	0%	300	360	\$25,373	NA

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
53-1000	Supervisors, Transportation and Material Moving Workers	410	400	-10	-2%	20	20	NA NA	
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	150	150	-10	-5%	10	10	\$41,382	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	250	250	0	0%	10	10	\$45,059	Work experience in a related occupation
53-2000	Air Transportation Workers	170	170	0	2%	10	10	NA NA	
53-2021	Air Traffic Controllers	140	140	0	3%	10	10	NA	Long-term on-the-job training
53-3000	Motor Vehicle Operators	3,670	3,720	50	1%	100	160	NA NA	
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	40	40	0	2%	0	0	NA	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	140	140	0	1%	10	10	\$21,184	Moderate-term on-the-job training
53-3022	Bus Drivers, School	290	290	0	1%	10	20	\$23,807	Short-term on-the-job training
53-3031	Driver/Sales Workers	680	680	-10	-1%	20	20	\$15,933	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,600	1,630	30	2%	50	80	\$32,128	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	660	670	10	1%	10	20	\$22,569	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	200	220	10	6%	0	20	\$15,364	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	50	50	0	6%	0	0	\$36,465	Short-term on-the-job training
53-6000	Other Transportation Workers	100	100	0	0%	10	10	NA NA	
53-6031	Service Station Attendants	30	30	0	0%	0	0	\$18,365	Short-term on-the-job training
53-6051	Transportation Inspectors	20	20	0	0%	0	0	NA	Work experience in a related occupation
53-7000	Material Moving Workers	2,790	2,730	-60	-2%	160	170	NA NA	
53-7011	Conveyor Operators and Tenders	50	50	0	-6%	0	0	\$24,466	Short-term on-the-job training
53-7021	Crane and Tower Operators	30	30	0	3%	0	0	\$34,765	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	90	80	0	-1%	10	10	\$30,855	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	480	460	-20	-4%	20	20	\$33,243	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	190	190	0	1%	20	20	\$14,548	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,140	1,110	-30	-2%	90	90	\$20,799	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	150	150	0	-1%	10	10	\$22,346	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	580	570	-10	-1%	20	20	\$19,006	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	40	40	0	0%	0	0	\$28,884	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
	includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.